

## Refine Search

### Search Results -

Terms	Documents
L1 and (command near string)	0

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Friday, February 18, 2005   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L2</u>	L1 and (command near string)	0	<u>L2</u>
<u>L1</u>	(query same element) and (table or database or (data near base)) and command	7	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

### Search Results -

Terms	Documents
L8 and (plurality near element)	1

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L9

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Friday, February 18, 2005   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L9</u>	L8 and (plurality near element)	1	<u>L9</u>
<u>L8</u>	L7 and L6	4	<u>L8</u>
<u>L7</u>	707/\$.ccls.	25114	<u>L7</u>
<u>L6</u>	L5 and (("search engine") same (table or database))	6	<u>L6</u>
<u>L5</u>	L4 and (command near string)	69	<u>L5</u>
<u>L4</u>	L3 and command	3666	<u>L4</u>
<u>L3</u>	(query same element) and (table or database or (data near base))	7007	<u>L3</u>
<u>L2</u>	L1 and (command near string)	0	<u>L2</u>
<u>L1</u>	(query same element) and (table or database or (data near base)) and command	7	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20030004930 A1

Using default format because multiple data bases are involved.

L9: Entry 1 of 1

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004930

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030004930 A1

TITLE: Software and method for performing database operations

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Minder, Sharon E.	Delray Beach	FL	US	
Beck, Teresa M.	Sunrise	FL	US	

US-CL-CURRENT: 707/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L8 and (plurality near element)	1

Display Format:

[Previous Page](#)   [Next Page](#)   [Go to Doc#](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

"query string" + "query command" + "database table" + "data"



THE ACM DIGITAL LIBRARY



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used [query string](#) [query command](#) [database table](#) [database search engine](#) [plurality element](#) [retrieve result set](#)

Found 6 of 150,885

Sort results by



[Save results to a Binder](#)

[Try an Advanced Search](#)

[Try this search in The ACM Guide](#)

Display results



[Search Tips](#)

☐ Open results in a new window

Results 1 - 6 of 6

Relevance scale ☐ ☐ ☐ ☐ ☐

# 1 The Jungle database search engine



Michael Böhlen, Linas Bukauskas, Curtis Dyreson

June 1999 **ACM SIGMOD Record**, **Proceedings of the 1999 ACM SIGMOD international conference on Management of data**, Volume 28 Issue 2

Full text available: [pdf\(382.61 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Information spread in in databases cannot be found by current search engines. A database search engine is capable to access and advertise database on the WWW. Jungle is a database search engine prototype developed at Aalborg University. Operating through JDBC connections to remote databases, Jungle extracts and indexes database data and meta-data, building a data store of database information. This information is used to evaluate and optimize queries in the AQUA query language. AQUA is a na ...

## 2 Objective viewpoint: JDBC — Java database connectivity



Kevin Henry

March 2001 **Crossroads**, Volume 7 Issue 3

Full text available: [html\(28.25 KB\)](#) Additional Information: [full citation](#), [index terms](#)

## 3 FORMANAGER: an office forms management system



S. Bing Yao, Alan R. Hevner, Zhongzhi Shi, Dawei Luo

August 1984 **ACM Transactions on Information Systems (TOIS)**, Volume 2 Issue 3

Full text available: [pdf\(1.85 MB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)

## 4 At the Forge: Integrating SQL with CGI, Part 1



Reuven Lerner

October 1997 **Linux Journal**

Full text available: [html\(21.88 KB\)](#) Additional Information: [full citation](#), [index terms](#)

## 5



DB-IR-1 (databases and information retrieval): indexing and query processing efficiency:

### Indexing text data under space constraints

Bijit Hore, Hakan Hacigumus, Bala Iyer, Sharad Mehrotra

November 2004 **Proceedings of the Thirteenth ACM conference on Information and knowledge management**

Full text available:  [pdf\(673.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

An important class of queries is the LIKE predicate in SQL. In the absence of an index, LIKE queries are subject to performance degradation. The notion of indexing on substrings (or *q*-grams) has been explored earlier without sufficient consideration of efficiency. *q*-grams are used to prune away rows that do not qualify for the query. The problem is to identify a finite number of grams subject to storage constraint that gives maximal pruning for a given query work ...


**Keywords:** B-tree, SQL, index, like queries, q-grams

### 6 P1: "Yes, but does it scale?": practical considerations for database-driven information systems



John Russell

October 2001 **Proceedings of the 19th annual international conference on Computer documentation**

Full text available:  [pdf\(231.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper explores the process of designing and implementing a database-driven system of online documentation, and putting it live on the web for customers to use. Using real-life examples, it discusses practical considerations for balancing performance, scalability, and reliability.

**Keywords:** Oracle, automation, categorization, database, performance, reliability, scalability, web services

Results 1 - 6 of 6

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

"query string" + "query command" + "database table" + "datb



THE ACM DIGITAL LIBRARY



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used [query string](#) [query command](#) [database table](#) [database search engine](#) [plurality element](#) [retrieve result](#) [performing operation](#)

Found 2 of 150,885

Sort results by

relevance



[Save results to a Binder](#)

Try an [Advanced Search](#)

Try this search in [The ACM Guide](#)

Display results

expanded form



[Search Tips](#)

☐ Open results in a new window

Results 1 - 2 of 2

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Enterprise data management in research organizations: \*data the way you want it\*](#)



M. Brian Blake

October 2003 **Proceedings of the 2003 conference on Diversity in computing**

Full text available: pdf(321.91 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Raw data and processed information are essential to organizations that perform operational analysis and build simulation systems. In such domains, the dissemination and management of this information is a daunting task. Not only must this data support a heterogeneous array of researchers, but also the requirements on this data are constantly changing. To achieve maximum utility, data of this sort must be made available in distributed locations and offered in various custom formats. Such approach ...

**Keywords:** XML, XSLT, semi-structured data, web-accessible databases

2 [Federated database systems for managing distributed, heterogeneous, and autonomous databases](#)



Amit P. Sheth, James A. Larson

September 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 3

Full text available: pdf(5.02 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A federated database system (FDBS) is a collection of cooperating database systems that are autonomous and possibly heterogeneous. In this paper, we define a reference architecture for distributed database management systems from system and schema viewpoints and show how various FDBS architectures can be developed. We then define a methodology for developing one of the popular architectures of an FDBS. Finally, we discuss critical issues related to developing and operating an FDBS.

Results 1 - 2 of 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)



US Patent & Trademark Office

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

"query string" + "query command" + "database table" + "database search ..."



THE ACM DIGITAL LIBRARY



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used [query string](#) [query command](#) [database table](#) [database search engine](#) [plurality element](#) [retrieve result set](#) [performing operation](#)

Found 2 of 150,885

Sort results by

relevance



[Save results to a Binder](#)

Try an [Advanced Search](#)

Display results

expanded form



[Search Tips](#)

Try this search in [The ACM Guide](#)

☐ Open results in a new window

Results 1 - 2 of 2

Relevance scale ☐ ☐ ☐ ☐ ☐

1 [Enterprise data management in research organizations: \*data the way you want it\*](#)



M. Brian Blake

October 2003 **Proceedings of the 2003 conference on Diversity in computing**

Full text available: [pdf\(321.91 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Raw data and processed information are essential to organizations that perform operational analysis and build simulation systems. In such domains, the dissemination and management of this information is a daunting task. Not only must this data support a heterogeneous array of researchers, but also the requirements on this data are constantly changing. To achieve maximum utility, data of this sort must be made available in distributed locations and offered in various custom formats. Such approach ...

**Keywords:** XML, XSLT, semi-structured data, web-accessible databases

2 [Federated database systems for managing distributed, heterogeneous, and autonomous databases](#)



Amit P. Sheth, James A. Larson

September 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 3

Full text available: [pdf\(5.02 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

A federated database system (FDBS) is a collection of cooperating database systems that are autonomous and possibly heterogeneous. In this paper, we define a reference architecture for distributed database management systems from system and schema viewpoints and show how various FDBS architectures can be developed. We then define a methodology for developing one of the popular architectures of an FDBS. Finally, we discuss critical issues related to developing and operating an FDBS.

Results 1 - 2 of 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)



US Patent & Trademark Office

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

"performing database operation" + "query command" + "database table"



THE ACM DIGITAL LIBRARY



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used [performing database operation query](#)  
[command database table database search engine plurality](#)  
[element retrieve result set](#)

Found 1 of 150,885

Sort results  
by

relevance



[Save results to a Binder](#)

Try an [Advanced Search](#)

Try this search in [The ACM Guide](#)

Display  
results

expanded form



[Search Tips](#)

☐ Open results in a new  
window

Results 1 - 1 of 1

Relevance scale ☐ ☐ ☐ ☐ ☐

**1 FORMANAGER: an office forms management system**

S. Bing Yao, Alan R. Hevner, Zhongzhi Shi, Dawei Luo

August 1984 **ACM Transactions on Information Systems (TOIS)**, Volume 2 Issue 3

Full text available: [pdf\(1.85 MB\)](#)

Additional Information: [full citation](#), [citations](#), [index terms](#)

Results 1 - 1 of 1

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)